What is claimed is:

1.   A washing machine control method, comprising steps of:

executing a dewatering step;

accelerating a motor to rotate a drum, according to a predetermined rate, in response to said dewatering execution step;

detecting, if the predetermined rate exceeds a first value but is less than a second value, whether a state of vibration exists with respect to the drum rotated according to the predetermined rate; and

stopping the motor if the detected state of vibration exists.

2.   The method as claimed in claim 1, wherein said accelerating step is repeated until a desired dewatering speed is reached.

3.   The method as claimed in claim 1, further comprising a step of stopping the motor if the detected eccentricity value exceeds the reference eccentricity value.

4.   The method as claimed in claim 1, further comprising a step of incrementing the predetermined rate if it is determined that no state of vibration exists with respect to the drum rotated according to the predetermined rate.

5.   The method as claimed in claim 4, wherein the predetermined rate is incremented according to data stored in the lookup table.

6.   The method as claimed in claim 1, further comprising steps of:

detecting an eccentricity value with respect to the drum rotated according to the predetermined rate; and

comparing the detected eccentricity value to a reference eccentricity value stored in a lookup table.

7.   The method as claimed in claim 6, further comprising a step of incrementing the predetermined rate if it is determined that the detected eccentricity value is less than the reference eccentricity value and that no state of vibration exists with respect to the drum rotated according to the predetermined rate.

8.   The method as claimed in claim 2, wherein the first value of the predetermined rate is 150 rpm and the second value of the predetermined rate is 300 rpm.

9.   A washing machine comprising:

a motor to rotate a drum according to a predetermined rate;

means for detecting whether a state of vibration exists with respect to the rotating drum; and

a microcomputer having a lookup table, coupled to said vibration state detection means, for controlling the predetermined rate of said motor and for stopping said motor if the detected eccentricity value exceeds a reference eccentricity value stored in the lookup table or if the detected state of vibration exists.

10.   The washing machine as claimed in claim 9, further comprising:

2   means, coupled to said microcomputer, for detecting eccentricity value with respect

3   to the rotating drum.

1   11.   The washing machine as claimed in claim 10, wherein said microcomputer

2   stops said motor if the detected eccentricity value exceeds a reference eccentricity value

3   stored in the lookup table.